

Title (en)

Arrangement for obtaining pictorial effects in video apparatus.

Title (de)

Anordnung zur Erzeugung von Bildeffekten in Videogeräten.

Title (fr)

Dispositif de production d'effets picturaux dans des appareils vidéo.

Publication

EP 0403759 B1 19950705 (DE)

Application

EP 90107453 A 19900419

Priority

DE 3920456 A 19890622

Abstract (en)

[origin: EP0403759A2] 2.1 When recording with video cameras or during the subsequent processing of video films using video recorders, the user is also to be given the opportunity of changing the image content, that is to say of achieving pictorial effects. The pictorial effects most frequently used include the fading-in and fading-out of images or scenes and the cross-fading from one scene to another, or the generation of colour effects. It is the object of the invention, to specify an arrangement which meets the abovementioned requirements and, in addition, is of simple design so that its use is not only restricted to professional devices. 2.2 According to the invention, this is achieved by the fact that a luminance signal or a chrominance signal which is present in digitised form, is compared in a comparator with a grey value or a colour saturation value, respectively, and one of the two signals is switched through as a function of the desired pictorial effect. To achieve transitions, the grey value or the colour saturation value is predetermined by means of a counter, the direction of counting and speed of counting of which can be predetermined. 2.3 Video device. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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